

**Fig. 2**  
Prior Art

2/12

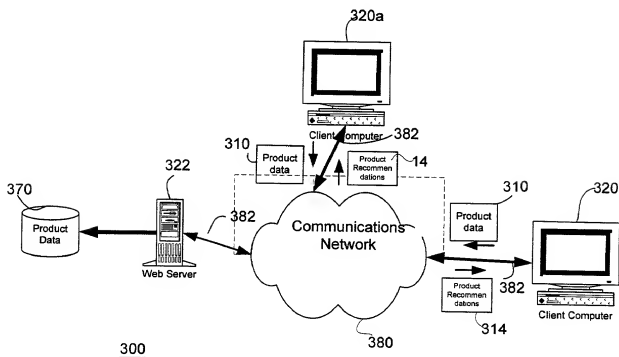


Fig. 3

3/12

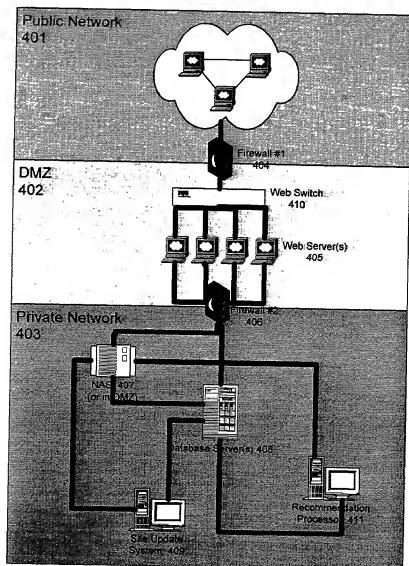


Fig. 4

4/12

Identification	Shipping Information	Credit Information	Severity of Needs	Importance of Addressing Needs
Acceptance Ratings (historical usage)	Psychographic characterizers	Current Diagnostic Condition		

Fig. 5

Identification	Shipping Information	Credit Information	Severity of Needs	Importance of Addressing Needs
Acceptance Ratings (historical usage)	Psychographic characterizers	Current Diagnostic Condition		
Acceptance Rating (of selected products)	Diagnostic Data relative to time of usage	Aesthetic preferences relative to current product		

Fig. 6

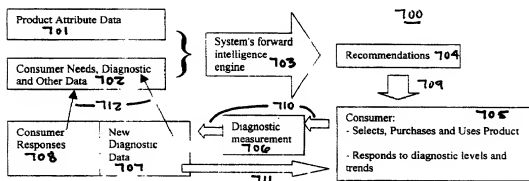


Fig. 7

5/12

Product	Preference Prediction	Performance Prediction	Price
A	8.4	5.1	11.89
B	8.1	6.6	19.99
C	7.8	5.0	23.59

Fig. 8A

Recommendation	Preference	Performance	Cost
Product A	8.6	5.1	\$13.95
Product B	8.4	4.6	\$7.83
Product C	8.2	6.0	\$11.90

Fig. 8B

Product	Preference Prediction	Performance Prediction	Price
D	4.4	8.2	39.99
E	6.7	7.9	14.29
F	7.4	7.8	21.89

Fig. 9A

Recommendation	Performance	Preference	Cost
Product G	7.1	5.1	\$18.85
Product H	6.9	7.0	\$24.14
Product I	6.7	3.7	\$37.95

Fig. 9B

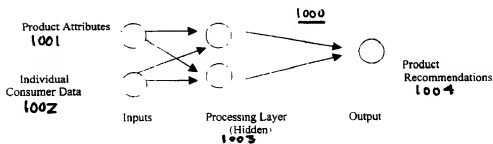


Fig. 10

6/12

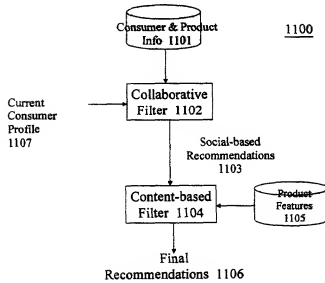


Fig. 11

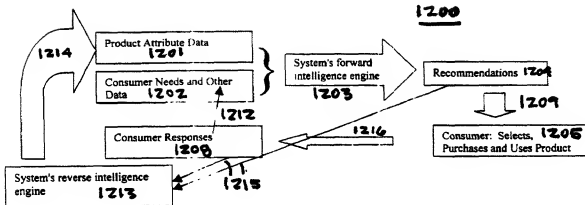


Fig. 12

7/12

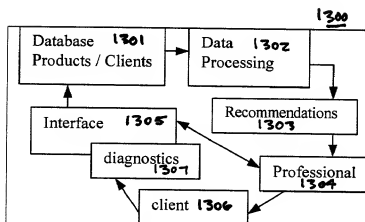


Fig. 13

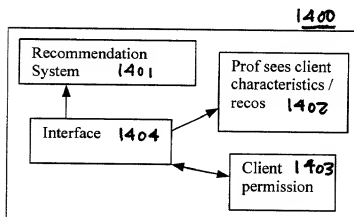


Fig. 14

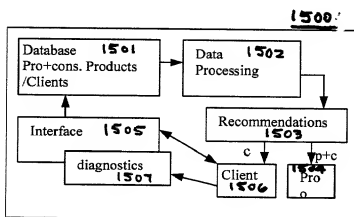
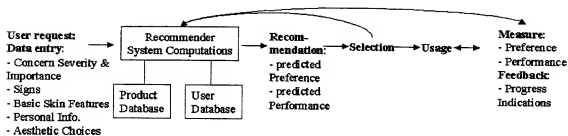


Fig. 15

8/12



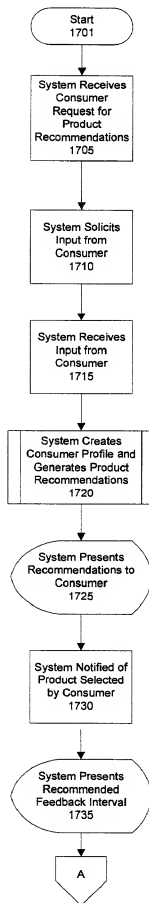
**Fig. 16**



9/12

Fig. 17A

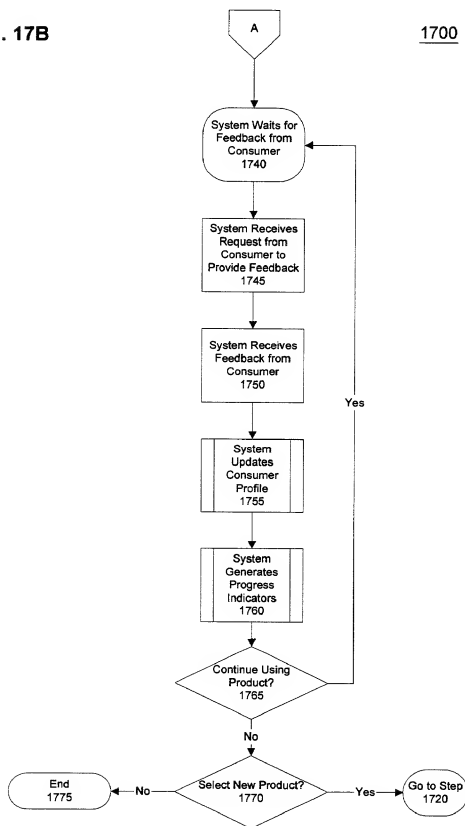
1700



10/12

Fig. 17B

1700



11/12

**Fig. 18**

1800

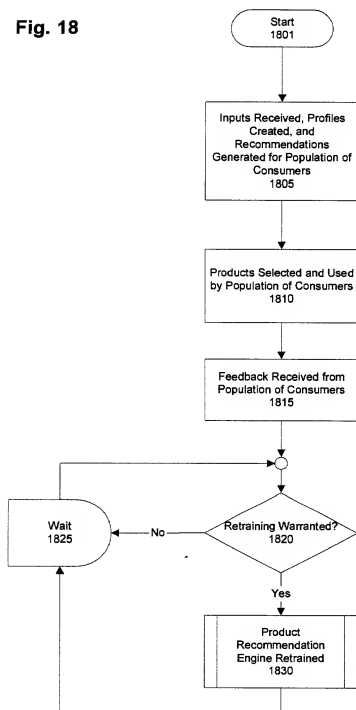


Fig. 19

12/12

